INTERNATIONAL SEARCH REPORT

International Application No PCI/CH2004/000710

A. CLASSII IPC 7	FICATION OF SUBJECT MATTER B21D43/05 B21D43/10 B30B15/0	0							
According to International Patent Classification (IPC) or to both national classification and IPC									
			T						
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 B21D B30B									
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched									
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)									
EPO-Internal, WPI Data, PAJ									
C. DOCUMENTS CONSIDERED TO BE RELEVANT									
Category *	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to daim No.						
Х	EP 0 309 430 A (VOLVO AB) 29 March 1989 (1989-03-29) figure 2		1,2,5,6, 11,12						
Α	EP 0 600 254 A (SCHULER GMBH L) 8 June 1994 (1994-06-08) cited in the application figure 1		1,14						
Α	DE 31 14 476 A (BILSING ALFRED) 5 January 1983 (1983-01-05) the whole document		1,14						
Further documents are listed in the continuation of box C. Patent family members are listed in annex.									
° Special ca	tegories of cited documents:	The later decument published after the inter	national filing data						
A document defining the general state of the art which is not considered to be of particular relevance *I* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention									
filing d	iate int which may throw doubts on priority claim(s) or	'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone							
which is cited to establish the publication date of another citation or other special reason (as specified) "O" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such document is combined with one or more other such documents, such combination being obvious to a person skilled									
later th		in the art. "&" document member of the same patent family							
Date of the actual completion of the international search Date of mailing of the international search report									
	1 January 2005	14/02/2005							
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Information on patent family members

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